

Abbreviations and Acronyms

ACL	access control list
ACMHW	access and control management hardware [configuration item]
ACRIM	Active Cavity Radiometer Irradiance Monitor
ACRIMSAT	Active Cavity Radiometer Irradiance Monitor Satellite
ADC	affiliated data center
ADEOS	Advanced Earth Observing System (Japan)
ADN	ASTER Data Network
ADS	archive data set
ADSRV	advertising service
ADSHW	advertising service hardware [configuration item]
AGS	ASTER Ground System
AGU	American Geophysical Union
AHWG	Ad Hoc Working Group
AHWGC	Ad Hoc Working Group on Consumers
AHWGP	Ad Hoc Working Group on Production
AI&T	algorithm integration and test
AIRS	Atmospheric Infrared Sounder
AIT	algorithm integration team
AITHW	algorithm integration and test hardware [configuration item]
AITT	Algorithm Integration and Test Team
AITTL	Algorithm Integration and Test CSCI
ALT	altimeter; see also EOS-ALT 1
AM-1	EOS AM Mission spacecraft 1, morning spacecraft series -- ASTER, CERES, MISR, MODIS and MOPITT instruments
AMI	Active Microwave Instrument
AMR	Altimetry Microwave Radiometer
AMSR	Advanced Microwave Scanning Radiometer
AMSU	Advanced Microwave Sounding Unit
AOL	Airborne Oceanographic Lidar
APC	Access/Process Coordinator
API	application programming interface
APID	application process identifier-
AQAHWCI	algorithm quality assurance hardware configuration item

ARP	address resolution protocols
ASF	Alaska SAR Facility (DAAC)
AST	algorithm support team ASTER Science Team
ASTER	Advanced Spaceborne Thermal Emission and Reflection Radiometer (formerly ITIR)
ATL	automated tape library
ATM	asynchronous transfer mode
AVHRR	Advanced Very High-Resolution Radiometer
BAAS	billing/accounting application service
BB	bulletin board
BBS	bulletin board server
BER	bit error rate
bpi	bits per inch
CASE	computer aided software engineering
CCSDS	Consultative Committee for Space Data Systems
CD	compact disk
CDE	Common Desktop Environment
CDR	Critical Design Review
CDRL	Contract Data Requirements List
CDS	cell directory service
CERES	Clouds and Earth's Radian Energy System
CHUI	character user interface
CI	configuration item
CIESIN	Consirtium for International Earth Science Information Network
CLS	client subsystem
CM	configuration management
CMAS	configuration management application service
CNES	Centre National d'Etudes Spatiales (France)
COLOR	Ocean Color - see EOS-COLOR
CORBA	common object request broker architecture
COTS	commercial off-the-shelf (hardware or software)
CPU	central processing unit
CSA	Canadian Space Agency
CSC	computer software component
CSCI	computer software configuration item

CSMS	Communications and Systems Management Segment (ECS)
CSS	communication subsystem
DAAC	distributed active archive center
DAN	data availability notice
DAO	data assimilation office
DAP	directory access protocol
DAR	data acquisition request
DAS	data assimilation system (at DAO)
DB	database
DBMS	database management system
DCCI	distributed computing configuration item
DCE	distributed computing environment (OSF)
DCHCI	distributed computing hardware configuration item
DDICT	data dictionary
DDIST	data distribution
DDSRV	document data server
DDTS	distributed defect tracking system
DESKT	desktop [configuration item]
DFA	Dual Frequency Altimeter
DFCD	data format control document
DFRD	data format requirements document
DFS	distributed file services
DID	data item description
DIM	distributed information manager
DIMGR	distributed information manager
DIPHW	distribution and ingest peripheral hardware [configuration item]
DME	distributed management environment-
DMGHW	data management hardware [configuration item]
DMS	data management subsystem
DMSP	Defense Meteorological Satellite Program
DNS	domain name services
DOF	distributed object framework
DPR	data processing request
DPS	data processing subsystem
DRPHW	data repository hardware [configuration item]
DSS	data server subsystem

DTS	distributed time service
e-mail	electronic mail (use email for EDHS search)
EBNet	EOSDIS Backbone Network (combines Ecom and ESN)
ECS	EOSDIS Core System
EDC	EROS Data Center (DAAC)
EDF	ECS development facility
EDOS	EOS Data and Operations System
EGS	EOS Ground System
EMASS	E-Systems Modular Automated Storage Systems
EMC	enterprise monitoring and coordination
EOC	EOS Operations Center (ECS)
EODC	Earth Observation Data Centre (UK)
EOS ALT	EOS Altimetry Mission
EOS AM	EOS Morning Crossing (Descending) Mission
EOS CHEM	EOS Chemistry Mission
EOS COLOR	EOS Color Mission
EOS	Earth Observing System
EOS PM	EOS Afternoon Crossing (Ascending) Mission (afternoon spacecraft series) (see AIRS, AMSU-A, MHS, MIMR, CERES and MODIS) instruments
EOSDIS	Earth Observing System Data and Information System
EP	evaluation package
ERS	European Remote-Sensing Satellite
ERS-1	European Remote Sensing Satellite-1
ERS-2	European Remote Sensing Satellite-2
ESDIS	Earth Science Data and Information System (GSFC Code 505)
ESDT	Earth science data types
ESQL	Earth Science Query Language
ESST	Earth Science Search Tool
ETM+	Enhanced Thematic Mapper Plus (Landsat 7)
FDDI	fiber distributed data interface
FDF	flight dynamics facility
FDIR	fault detection and isolation recovery
FIPS	Federal Information Processing Standard
FMEA	failure modes and effects analysis
FOO	flight of opportunity
FOS	Flight Operations Segment (ECS)

FSMS	file and storage management system
FTAM	file transfer, access, and management
FTM	file transfer management
ftp	file transfer protocol
GCDIS	Global Change Data and Information System
GDAO	Goddard [Space Flight Center] Data Assimilation Office
GDPS	ground data processing system
GDS	ground data system
GFE	Government furnished equipment
Giga	billion (10^9)
GN	ground network
GOSIP	Government Open Systems Interconnection Profile
GPCP	Global Precipitation Climatology Project
GSFC	Goddard Space Flight Center
GTWAY	gateway [for Version 0 interoperability]
GUI	graphical user interface
GV	ground validation data (TRMM)
H/W	hardware
HDF	hierarchical data format
HFE	human factors engineering
HiPPI	high performance parallel interface
HMI	human machine interface
HP	Hewlett Packard
HTML	hypertext markup language
HTTP	hypertext transfer protocol
HWCI	hardware configuration item
I&T	integration and test
I&TT	integration and test team
I/F	interface
I/O	input/output
ICC	Instrument Control Center (ECS) (ASTER)
ICD	interface control document
ICLHW	ingest client hardware [configuration item]
ICMP	Internet control message protocol
ID	identifier
IDL	interface definition language

IETF	Internet Engineering Task Force
IGMP	Internet group management protocol
IGS	international ground station
IHCI	internetworking hardware configuration item
ILMSP	Inventory/Logistics Management Application Service
INCI	internetworking configuration item
INGST	ingest services
INHCI	internetworking hardware configuration item
Inode	index node
INS	SDPS Ingest Subsystem
IOS	interoperability subsystem
IP	international partner
	Internet protocol
Ir1	interim release 1 (use Ir-1 for EDHS search)
IRD	interface requirements document
ISCCP	International Satellite Cloud Climatology Project
ISO	International Standards Organization
ISP	internet service provider
ISS	internetworking subsystem
JERS	Japanese Earth Remote-Sensing Satellite
JPL	Jet Propulsion Laboratory (DAAC)
KB	kilobyte (10^3)
Kb	kilobit (10^3)
KBps	kilobytes per second
Kbps	kilobits per second
KM	Key Mechanisms
L0	Level 0
L0-L4	Level 0 (zero) through Level 4 (use Level-0 through Level-4 for EDHS search)
LAN	local area network
Landsat	Land Remote-Sensing Satellite
LaRC	Langley Research Center (DAAC)
LIM	local information manager
LIMGR	local information manager
LIS	Lightning Imaging Sensor
LMS	logistics management support
LOC	lines of code

LPS	Landsat 7 Processing System
LSM	local system management (ECS)
M&O	maintenance and operations
MACI	management agent configuration item
MAN	metropolitan area network
MB	megabyte (10^6)
Mb	megabit (10^6)
MBps	megabytes per second
Mbps	mega bits per second
MCI	Management (software) CI
MDA	management data access
MDT	mean downtime
MHCI	management hardware configuration item
MIB	management information base
MISR	Multi-Angle Imaging SpectroRadiometer
MLCI	management logistics configuration item
mm	millimeter
MMI	man-machine interface
MO&DSD	Mission Operations and Data Systems Directorate (GSFC Code 500)
MODIS	Moderate Resolution Imaging Spectroradiometer
MOPITT	Measurements of Pollution in the Troposphere
MR	Microwave Radiometer
MSFC	Marshall Space Flight Center (DAAC)
MSS	systems management subsystem
MtMAS	Maintenance Management Application Service
MTPE	Mission to Planet Earth
NASA	National Aeronautics and Space Administration
NCC	Network Control Center (GSFC)
NCCDS	NCC Data System
NFS	network file system
NIST	National Institute of Standards and Technology
NMC	National Meteorological Center (NOAA)
NMCI	network management configuration item
NNM	network node manager
NNTP	Network News Transfer Protocol

NOAA	National Oceanic and Atmospheric Administration
NOLAN	Nascom Operational Local Area Network
NSCAT	NASA Scatterometer
NSF	National Science Foundation
NSI	NASA Science Internet
NSIDC	National Snow and Ice Data Center (DAAC)
NWCI	network configuration item
O/A	orbit/altitude
OA	object analysis
OCD	operations concept document
ODL	object description language
OMT	Object Modeling Technique
OO	object oriented
OOA	object oriented analysis
OOD	object oriented design
OODCE	object oriented distributed computing environment
ORNL	Oak Ridge National Laboratory (DAAC)
OSI	Open Systems Interconnection
OSI-RM	OSI reference model
OTS	off the shelf
PCMS	Physical Configuration Management Service
PDL	program design language
PDPS	planning and data processing system
PF	Process Framework
PGE	Product Generation Executive
PLANG	Production Planning (CSCI)
PLNHW	planning hardware [configuration item]
PLS	planning subsystem
PM	EOS Afternoon Crossing Mission -- see EOS PM
POCC	Payload Operations Control Center
P&PMAS	Policies and Procedures Management Application Service
PR	Precipitation Radar (TRMM)
QA	quality assurance
Radarsat	Radar Satellite (Canada)
RAID	redundant array of inexpensive disks
RAM	random access memory

RDBMS	relational database management system
REL	release
RFA	remote file access
RFP	request for proposal
RMA	reliability, maintainability, availability
RMAS	Resource Management Application Service
ROM	read only memory
RPC	remote procedure call
S/W	software
SAGE	Stratospheric Aerosols and Gas Experiment
SAP	service access protocol
SAR	Synthetic Aperture Radar
SAS	Service Accounting Segment (NCC)
SCF	science computing facility
SDPF	Sensor Data Processing Facility (GSFC)
SDPS	Science Data Processing Segment (ECS)
SDPTK	Science Data Processing Toolkit
SDS	system design specification
SDSRV	science data server
SDU	service data unit
SeaWiFS	Sea-Viewing Wide Field-of-View Sensor
SEDAC	Socio-Economic Data and Applications Center (CIESIN)
SFDU	standard formatted data unit
SGI	Silicon Graphics Incorporated
SLOC	single lines of code
SMAP	Software Management and Assurance Program
SMC	system monitoring and coordination center
SMCI	system management configuration item
SMTP	simple mail transport protocol
SN	space network
SNMP	simple network management protocol
SPARC	single processor architecture
SPRHW	science processing hardware [configuration item]
SQL	Structured Query Language
SRF	Server Request Framework
SSAP	science software archive

SSM/I	Special Sensor for Microwave/Imager
STGT	Second TDRSS Ground Terminal
STMGT	storage management
StP/OMT	Software Through Pictures/Object Modeling Technique
TB	terabyte (10^{12})
Tbyte	terabyte
TCP/IP	transmission control protocol/Internet protocol
TDRS	Tracking and Data Relay Satellite
TDRSS	Tracking and Data Relay Satellite System
TELNET	telecommunication network
TGT	TDRSS Ground Terminal
TGT	ticket granting ticket
TLM	telemetry [subsystem]
TMAS	Training Management Application Service
TMI	TRMM Microwave Imager
TOMS	Total Ozone Mapping Spectrometer
TOO	target of opportunity
TRMM	Tropical Rainfall Measuring Mission (joint US-Japan)
TSDIS	TRMM Science Data and Information System
TT	trouble ticket
TTS	trouble ticket service
U.S.	United States
U/I	user interface
UDP	user datagram protocol
UFS	UNIX file system
UR	universal reference
URL	Universal Resource Locator
UserDIS	User Data Information System
UUID	universal unique identifier
UWG	user working group
V0	Version 0 (Version Zero; use V-0 for EDHS search)
VIRS	Visible Infrared Scanner (TRMM)
WAIS	wide area information server
WAN	wide area network
WFF	Wallop Flight Facility
WKBCH	workbench

WKSHCI	working storage hardware configuration item
WKSHW	Workbench CSCI
WP	white paper
WS	workstation
WSGT	White Sands Ground Terminal
WWW	World Wide Web
X.400	OSI standard for mail services
X.500	OSI standard for directory services
XDS	X/Open Directory Service
XOM	X/Open OSI-Abstract-Data Manipulation

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